1   1. A computer network comprising:

2   one or more service computers configured to provide

3 multiple network services via the network,

4   one or more connection devices that allow multiple

5 network client computers to access the services via the

6 network, and

7   a single routing computer that serves as a firewall

8 through which all traffic between the network services and

9 the network client computers must pass.

1   2. The computer network of claim 1, wherein the

2 routing computer includes a static route table containing

3 predefined rules that govern the flow of traffic between the

4 network services and the network client computers.

1   3. The computer network of claim 1, further

2 comprising at least one other routing computer that acts as

3 a firewall through which all traffic between the computer

4 network and the network client computers must pass.

1   4. The computer network of claim 3, wherein the

2 other routing computer includes a static route table

3 containing predefined rules that govern the flow of traffic

4 between the computer network and the network client

5 computers.

1   5. The computer network of claim 1, wherein the

2 connection device is configured to allow access via a public

3 frame relay.

1   6.   The computer network of claim 1, wherein the
2   connection device is configured to allow access via a PPP
3   link.

1   7.   The computer network of claim 1, wherein the
2   connection device is configured to allow access via an ISDN
3   link.

1   8.   The computer network of claim 1, wherein the
2   connection device is configured to allow access via the
3   Internet.

1   9.   The computer network of claim 8, further
2   comprising another routing computer that acts as a firewall
3   through which all traffic between the network services and
4   the Internet must pass.

1   10.   A method for use in providing network services
2   via a computer network to multiple network client computers,
3   the method comprising:
4   allowing the network client computers to access the
5   services via one or more connection devices in the network,
6   and
7   requiring all traffic between the network services
8   and the network client computers to pass through a single
9   routing computer that acts as a firewall.

1   11.   The method of claim 10, wherein the routing
2   computer includes a static route table containing predefined
3   rules that govern the flow of traffic between the network
4   services and the network client computers.

1   12. The method of claim 10, further comprising
2 requiring all traffic between the computer network and the
3 network client computers to pass through at least one other
4 routing computer that acts as a firewall.

1   13. The method of claim 12, wherein the other
2 routing computer includes a static route table containing
3 predefined rules that govern the flow of traffic between the
4 computer network and the network client computers.

1   14. The method of claim 10, further comprising
2 allowing the network client computers to access the network
3 via a public frame relay.

1   15. The method of claim 10, further comprising
2 allowing the network client computers to access the network
3 via a PPP link.

1   16. The method of claim 10, further comprising
2 allowing the network client computers to access the network
3 via an ISDN link.

1   17. The method of claim 10, further comprising
2 allowing the network client computers to access the network
3 via the Internet.

1   18. The method of claim 10, further comprising
2 requiring all traffic between the network services and the
3 Internet to pass through another routing computer that acts
4 as a firewall.

1   19.   A computer network comprising:
2   a service computer configured to provide a network
3   service to multiple network client computers via the
4   computer network,
5   two routing computers, each of which acts as a
6   firewall through which all traffic between the computer
7   network and one of the network client computers must pass,
8   and
9   another routing computer that acts as a firewall
10   through which all traffic between the network service and
11   the network client computers must pass.

1   20.   The computer network of claim 19, further
2   comprising a static route policy that governs the flow of
3   traffic between the network services and the network client
4   computers.

1   21.   The computer network of claim 20, wherein the
2   route policy comprises multiple route tables, each stored in
3   one of the routing computers.

1   22.   A method for use in providing a network service
2   to multiple network client computers via a computer network,
3   the method comprising:
4   requiring all traffic between the computer network
5   and each of the network client computers to pass through one
6   of two routing computers that act as firewalls, and
7   requiring all traffic between the network service
8   and the network client computers to pass through another
9   routing computer that acts as a firewall.

1   23.   The method of claim 22, further comprising
2 applying a static route policy to govern the flow of traffic
3 between the network services and the network client
4 computers.

1   24.   The method of claim 23, further comprising
2 distributing the route policy among multiple route tables,
3 each stored in one of the routing computers.